

Developing a Joint Radiation Protection Program for Health Physics Technicians and Managers at Orangeburg-Calhoun Technical College and South Carolina State University

Executive Summary

One of the major needs of both the civilian and government nuclear industries is for qualified Health Physics Technologists. This proposal will develop a joint radiation protection program for Health Physics Technicians (associate degree) and Health Physics Managers (baccalaureate degree) between Orangeburg-Calhoun Technical College (OCtech) and South Carolina State University (SCSU). The requested funding will: 1) develop nine comprehensive, competency-based instructional Radiation Protection Technology (RPT) courses to be offered at OCtech for first- and second-year students; 2) develop three summer courses to be taught at SCSU to leverage the university's state-of-the-art laboratory facilities; 3) collaborate with industry partners to develop a culminating industry practicum experience; and 4) implement the program with final approvals from oversight agencies. The requested funding is for development of the Health Physics Technician course curriculum materials and laboratories.

Principal Investigator: James Payne, payneje@octech.edu